

1

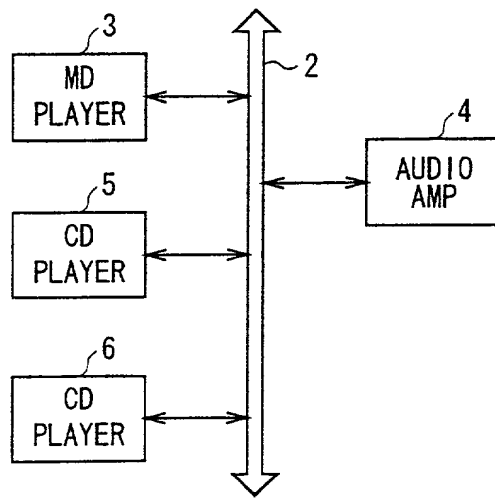


FIG.1

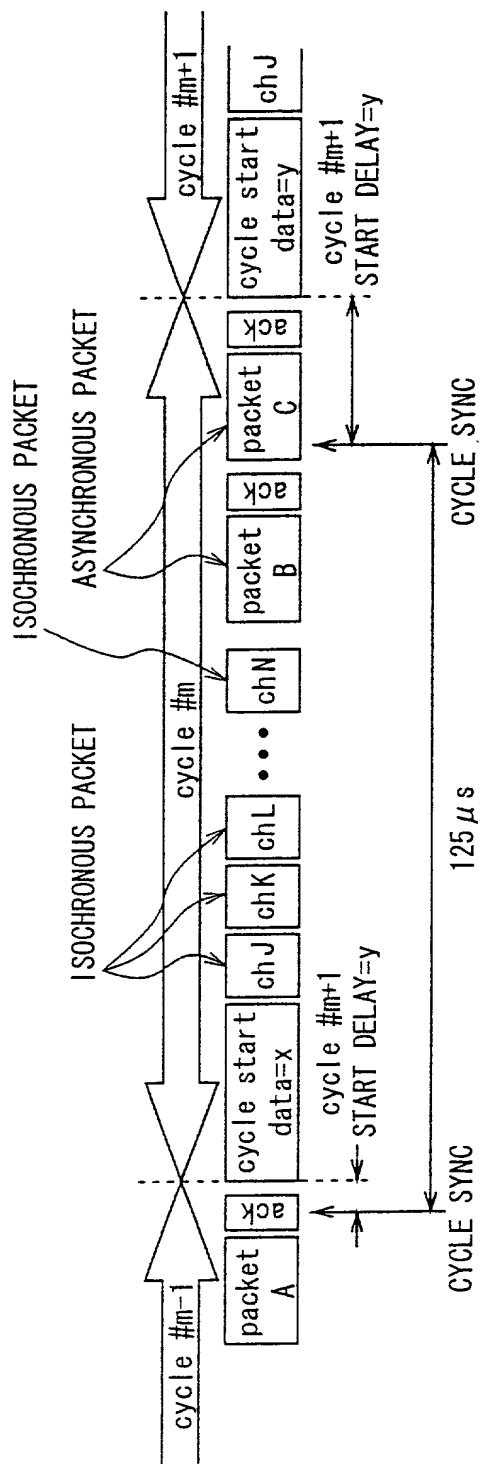


FIG. 2

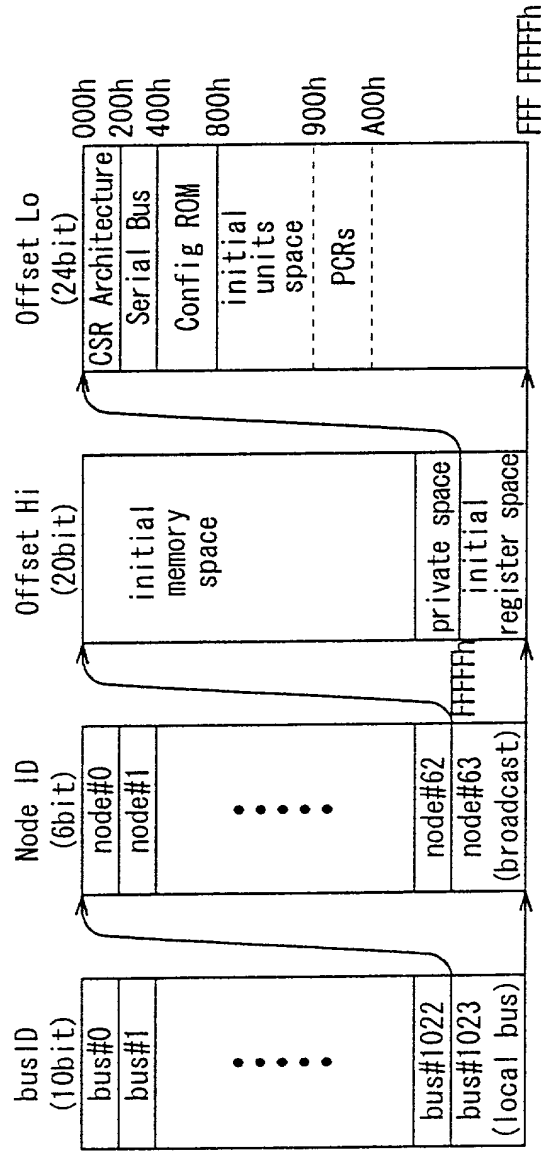


FIG. 3

OFFSET	NAME	OPERATION
000h	STATE_CLEAR	CONDITION AND CONTROL INFORMATION
004h	STATE_SET	SET STATE-CLEAR BIT
008h	NODE_IDS	SHOW 16-BIT NODE ID
00Ch	RESET_START	START COMMAND RESET
018h-01Ch	SPLIT_TIMEOUT	MEASURE THE MAXIMUM TIME OF SPLIT
200h	CYCLE_TIME	CYCLE TIME
210h	BUSY_TIMEOUT	DEFINE RETRY CONTROL
21Ch	BUS_MANAGER	SHOW ID OF BUS MANAGER
220h	BANDWIDTH_AVAILABLE	SHOW BANDWIDTH AVAILABLE TO ISOCRONOUS COMMUNICATIONS
224h-228h	CHANNELS_AVAILABLE	SHOW USAGE CONDITION OF EACH CHANNELPAGE

FIG. 4

info length	info_length	crc_length	rom_crc_value
	bus_info_block		
	root_directory		
	unit_directories		
	root & unit leaves		
	vendor_dependent_information		

FIG. 5

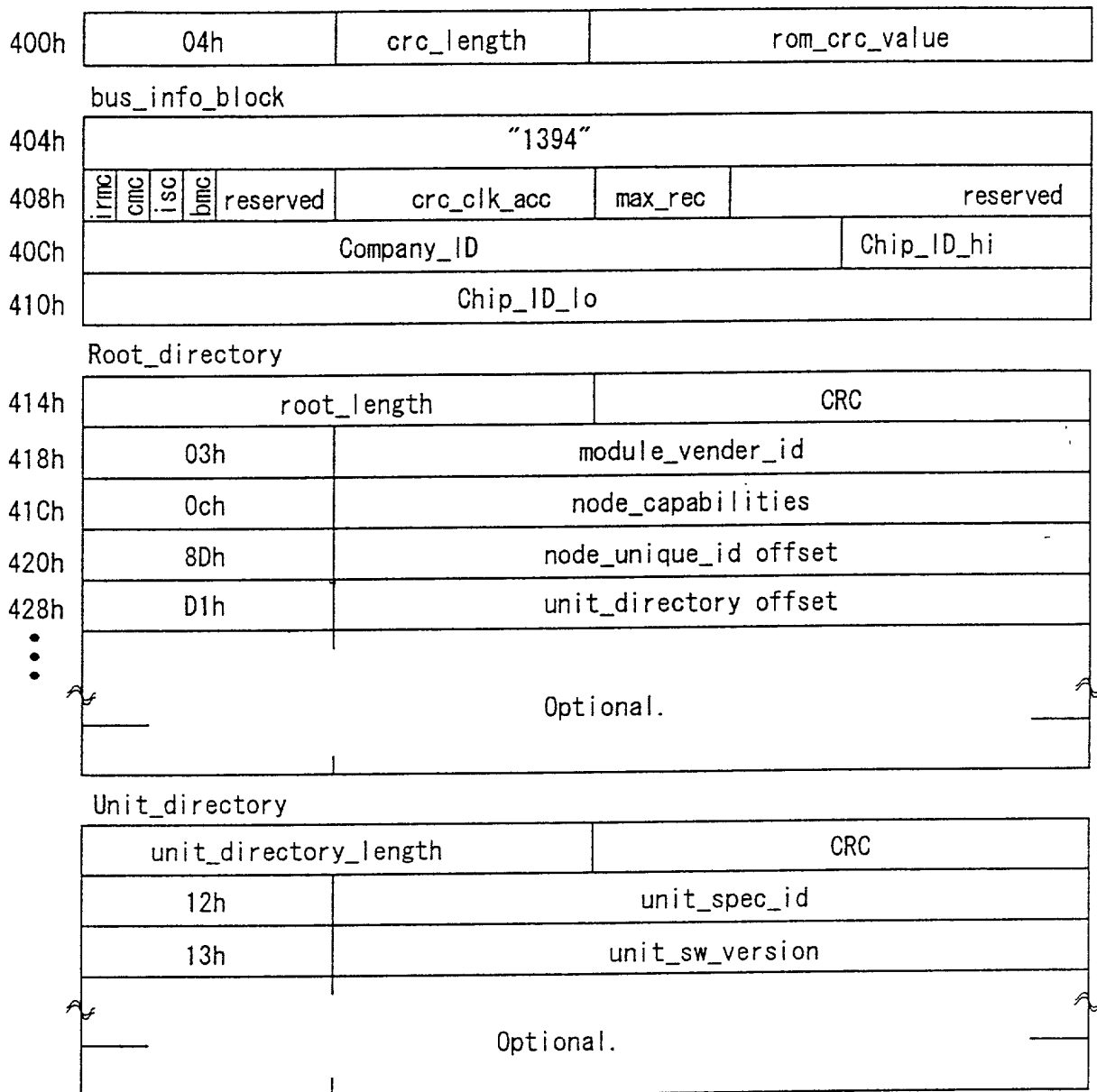


FIG. 6

900h	Output Master Plug Register
904h	Output Plug Control Register #0
908h	Output Plug Control Register #1
⋮	⋮
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
⋮	⋮
9FCh	Input Plug Control Register #30

FIG. 7

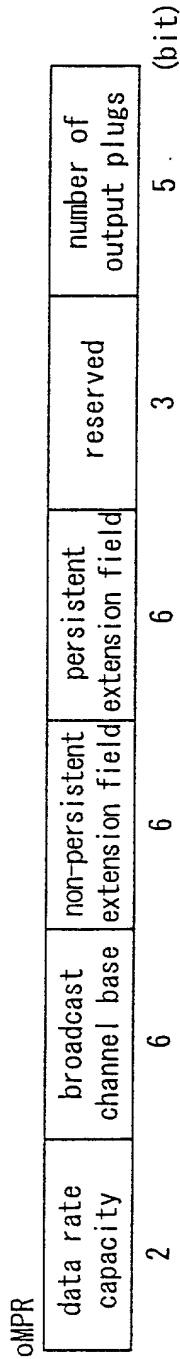


FIG. 8A

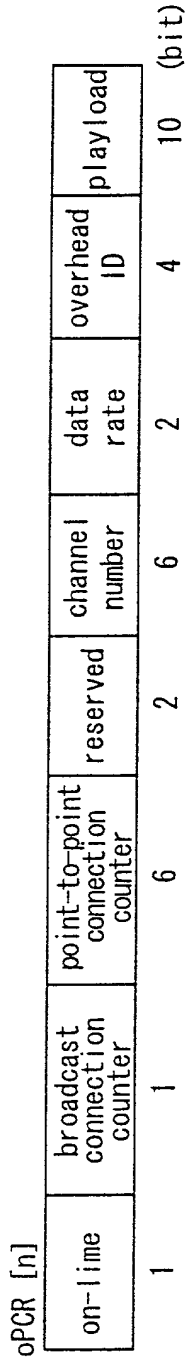


FIG. 8B

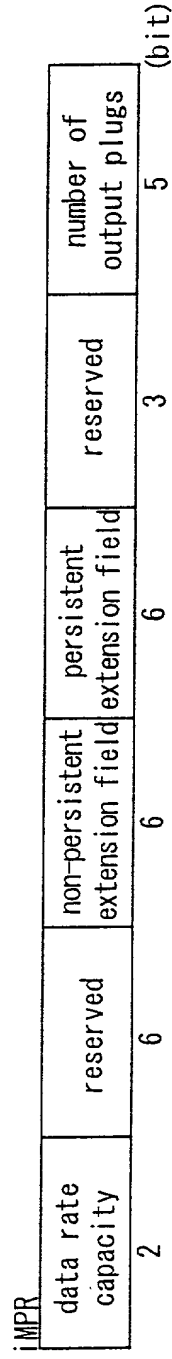


FIG. 8C

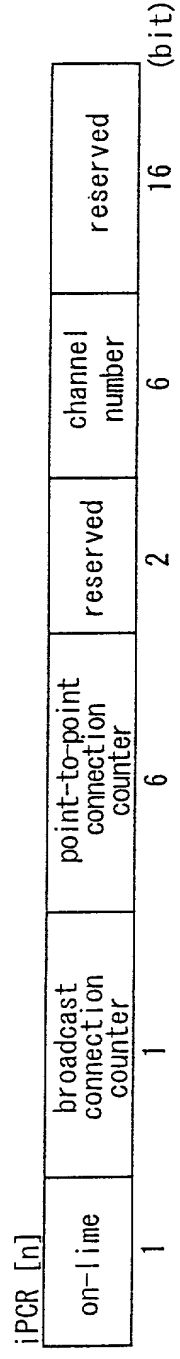


FIG. 8D

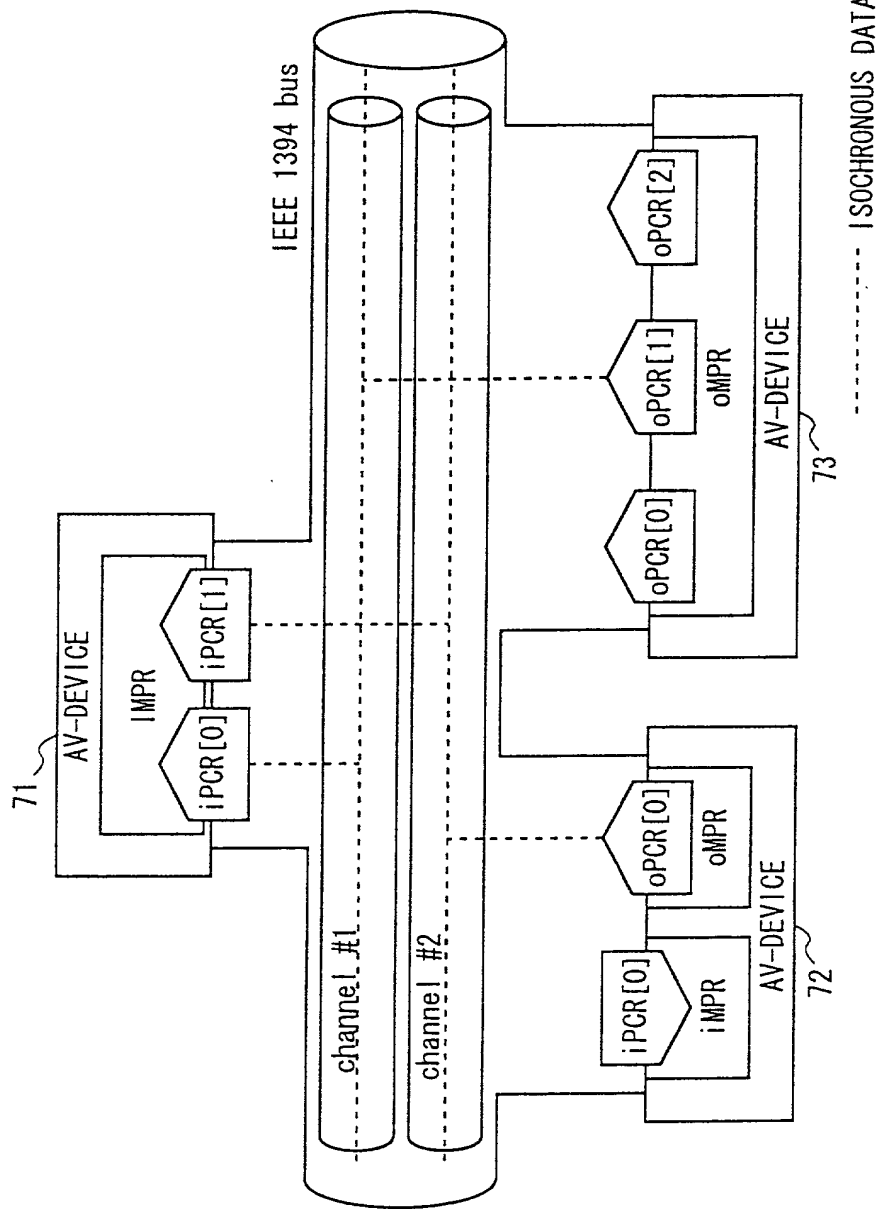


FIG. 9

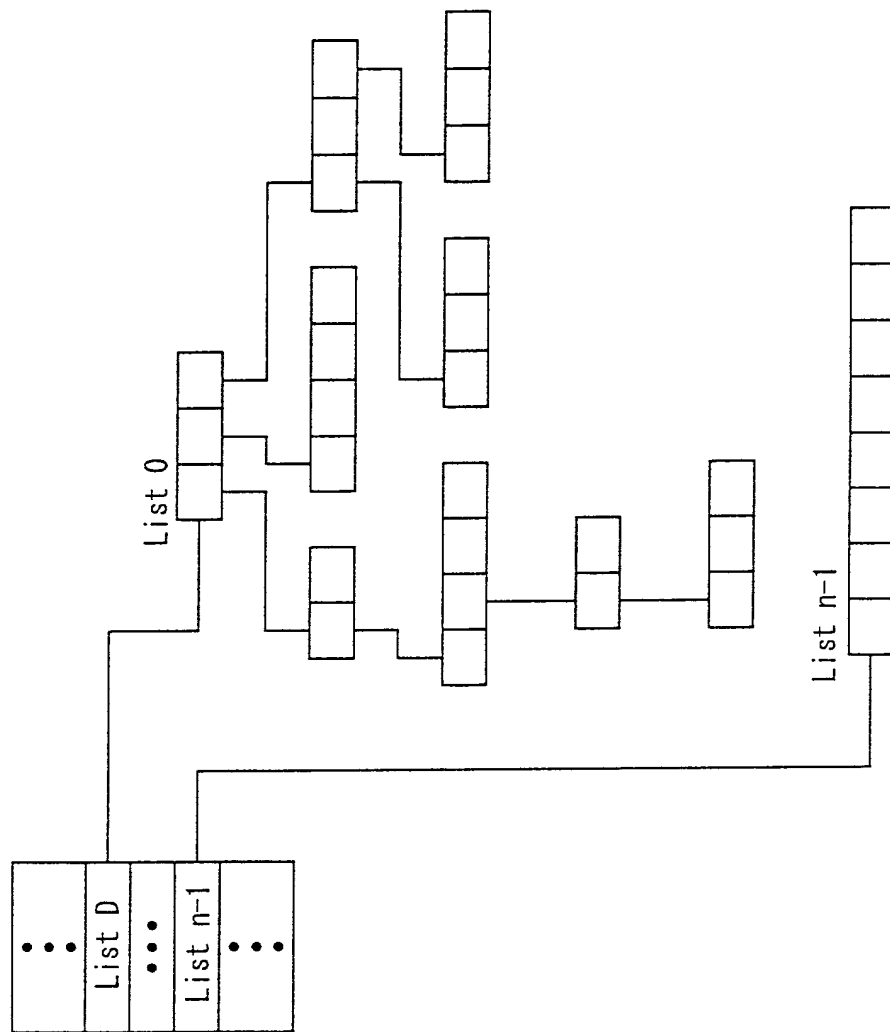


FIG. 10

The General Subunit Identifier Descriptor	
address	contents
00 00 ₁₆	descriptor_length
00 01 ₁₆	
00 02 ₁₆	generation_ID
00 03 ₁₆	size_of_list_ID
00 04 ₁₆	size_of_object_ID
00 05 ₁₆	size_of_object_position
00 06 ₁₆	number_of_root_object_lists(n)
00 07 ₁₆	
00 08 ₁₆	root_object_list_id_0
⋮	
⋮	⋮
⋮	root_object_list_id_n-1
⋮	
⋮	subunit_dependent_length
⋮	
⋮	subunit_dependent_information
⋮	
⋮	manufacturer_dependent_length
⋮	
⋮	manufacturer_dependent_information
⋮	
⋮	

FIG. 11

generation_ID values	
generation_ID	meaning
00 ₁₆	Data structures and command sets as specified in the AV/C General Specification, version 3.0
all others	reserved for future specification

FIG. 12

List ID Value Assignment Ranges	
range of values	list definition
0000 ₁₆ –0FFF ₁₆	reserved
1000 ₁₆ –3FFF ₁₆	subunit-type dependent
4000 ₁₆ –FFFF ₁₆	reserved
1 0000 ₁₆ –max list ID value	subunit-type dependent

FIG. 13

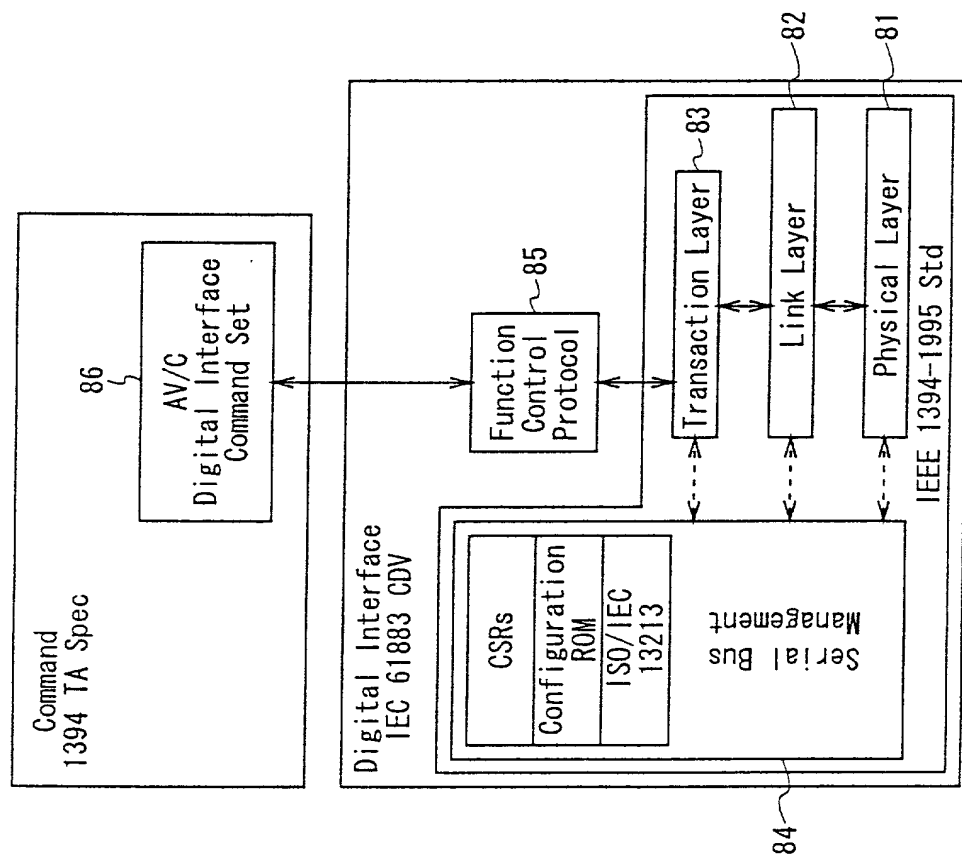


FIG. 14

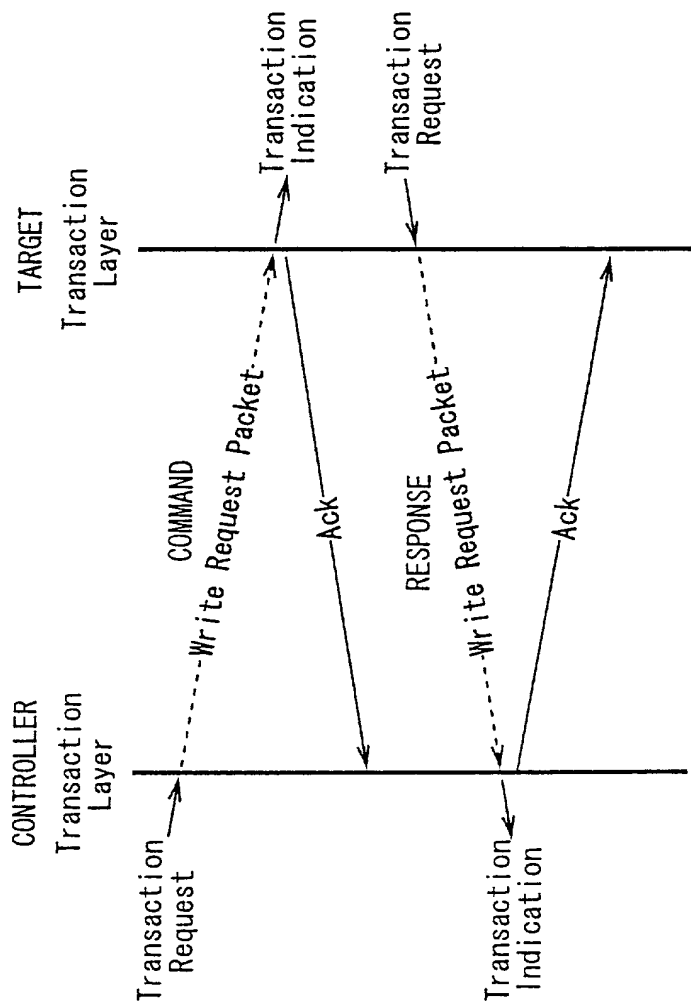


FIG.15

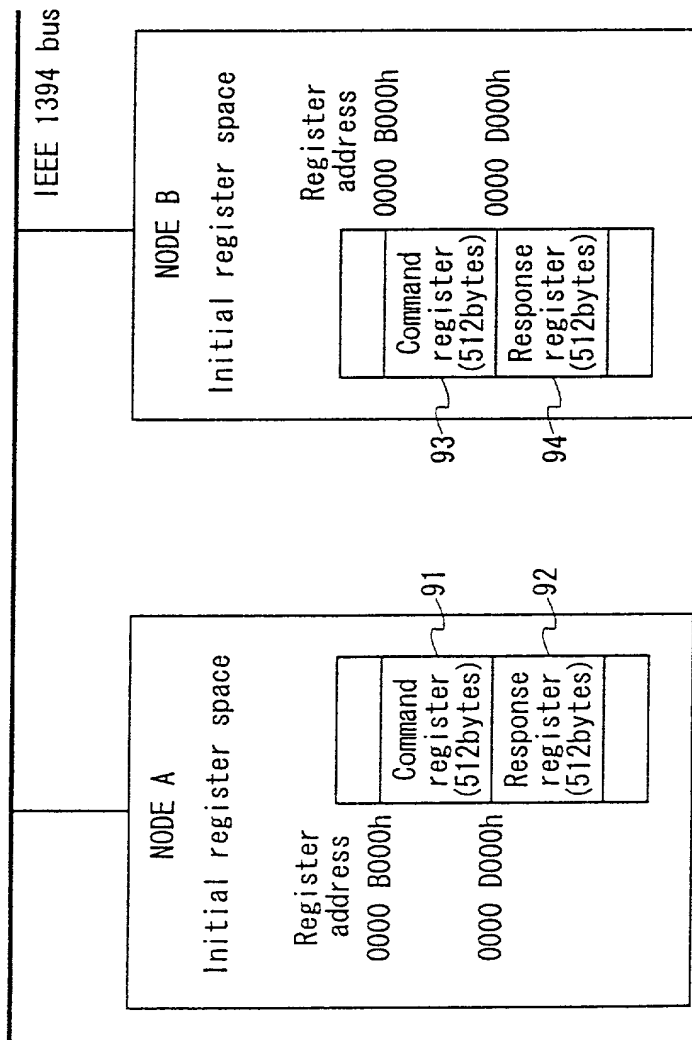


FIG. 16

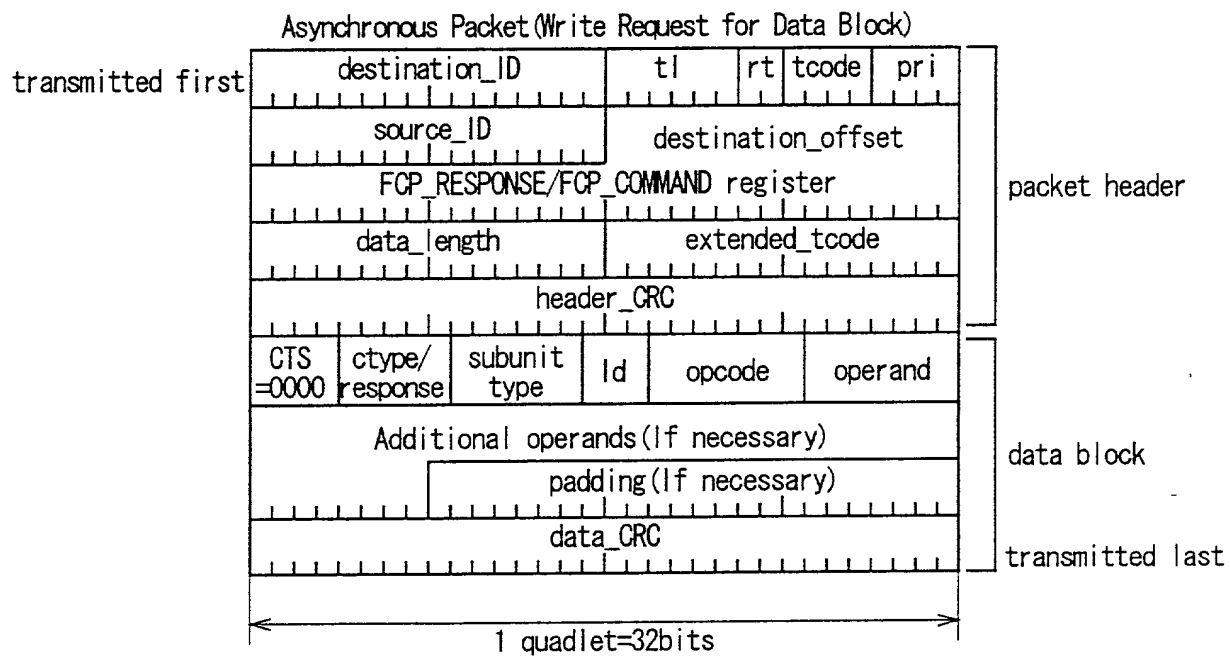


FIG. 17

cType/response		subunit_type		opcode: Operation Code	
Command	0000 CONTROL	00010	Video monitor (reserved)	00h	VENDOR-DEPENDENT
	0001 STATUS	00011	Disc recorder/Player	50h	SEARCH MODE
	0010 SPECIFIC INQUIRY	00100	Tape recorder/Player	51h	TIMECODE
	0011 NOTIFY	00101	Tuner	52h	ATN
Response	0100 GENERAL INQUIRY	00110	Video Camera (reserved)	60h	OPEN MIC
	0101 (reserved for future specification)	00111	Vendor unique reserved	61h	READ MIC
	1000 NOT IMPLEMENTED	11100	Subunit type extended to next byte	62h	WRITE MIC
	1001 ACCEPTED	11101	Unit	C1h	LOAD MEDIUM
	1010 REJECTED	11110		C2h	RECORD
	1011 IN TRANSITION			C3h	PLAY
	1100 IMPLEMENTED/STABLE			C4h	WIND
	1101 CHANGED			?	?
	1110 (reserved for future specification)				
	1111 INTERIM				

FIG. 18A

FIG. 18B

FIG. 18C

AV/C		control	tape recorder /player	id=	id=	PLAY	FORWARD
CTS=		0000	ctypex=	0000	id=	opcode=	operand=
			0000		000	C3h	75h

FIG. 19A

AV/C		accepted	tape recorder /player	id=	id=	PLAY	FORWARD
CTS=		response	subunit	id=	id=	opcode=	operand=
		=1001	type=	000	000	C3h	75h
			00100				

FIG. 19B

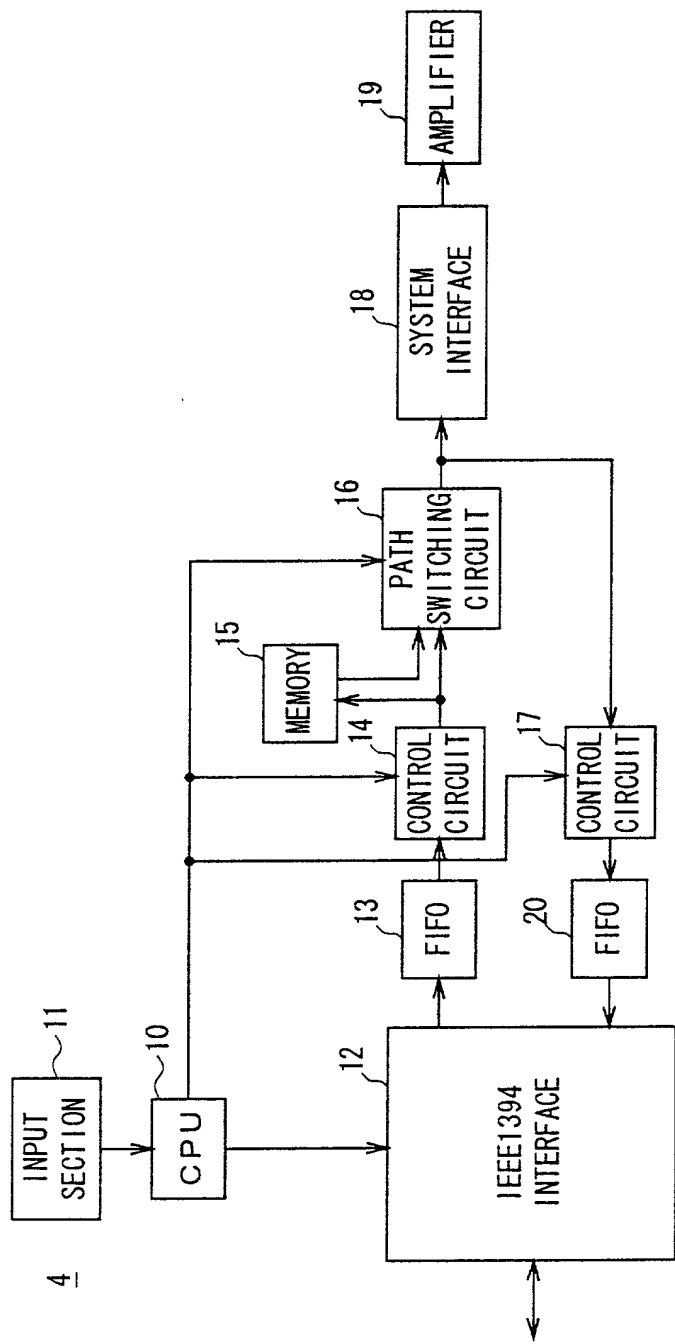


FIG.20

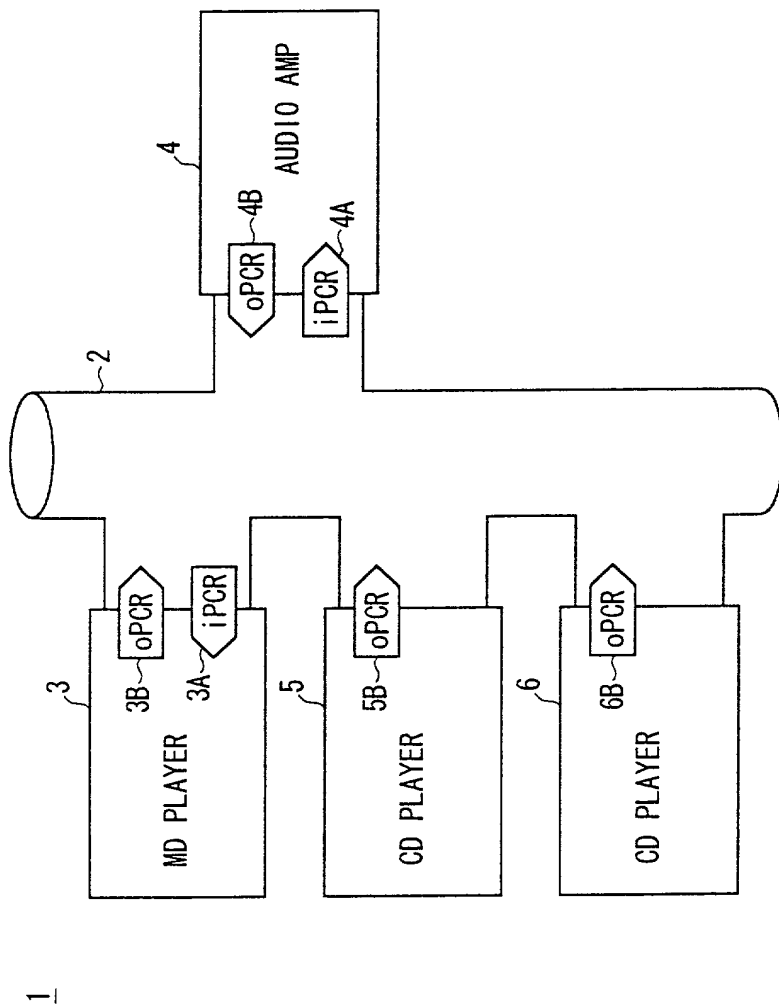


FIG.21

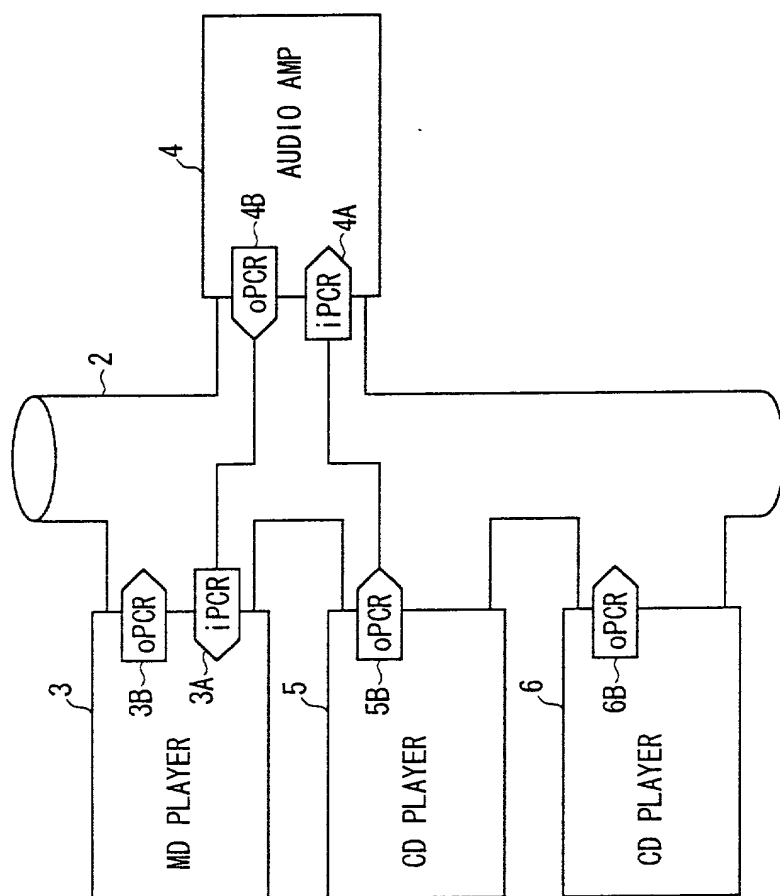


FIG. 22

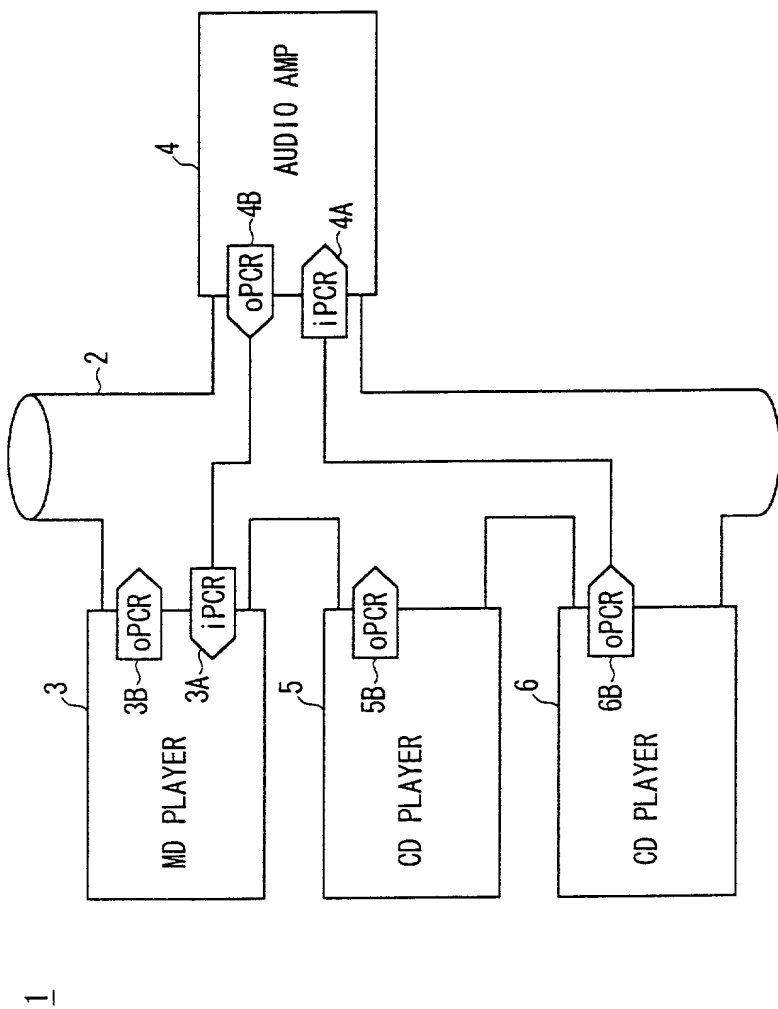


FIG.23